Table 1

QUALITATIVE ANALYSIS OF IMPROVEMENT PROJECTS Central Alameda County Freeway System Operational Analysis

														Package Performance						
Measure	A & B	C	D	E	F	G	K	L	М	N	0	P	0	R	Mainline Operations	Capacity Expansion	North "Leg"	South "Leg"	East "Leg"	Notes
	1142			2											Орегинону	Da panoron	Tiorus Esg	Journ Leg	Day: Deg	
Improvement Listed in Guiding Document								1					1							[Data is being collected]
Formal Support by Governing Board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Financially unconstrained LATIP adopted by Hayward, San Leandro, and Alameda Co.
Citizen Referendum or Petition																				[Data is being collected]
Consistent with Caltrans Policies	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Conceptual design based on Caltans design manuals and other guidance.
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	No unusual or extraordinary improvements are proposed
Caltrans has Experience with Project Type Enhances Driver's mobility	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	From a qualitative perspective , all improvements expected to enhance driver mobility
Fatal Collisions	•	0	0	•	0	•	•	•	•	•	•	•	0	•	•	•	•	•	•	Very low, if any, fatality rates at project locations. Ratings provided reflect findings of injury accident analysis. Analysis based on (1) existing accident rates in vicinity of
Injury Collisions	•	0	0	•	0	•	•	•	•	•	•	•	0	•	•	•	•	•	•	Analysis based on (1) existing accident rates in vicinity of improvement and (2) potential for proposed improvement to reduce existing rates. In the absence of rate information, we assumed medium project performance
Travel Time Variability	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Each improvement would provide operational benefits which would be expected to improve reliability
Road Closures	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Temporary closure of facilities during construction would traffic detours and re-routing, and access restrictions. Results are same for next two measures.
Road Closures Road Closures	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Limits on Project Assess	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
																				[Data is being collected]
Project "readiness" Construction Duration	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Assumption: interchange projects involving bridge expansion/replacement take longer than HOV or aux lane projects involving striping or minimal widening on ramp improvements only
Noise Exposure	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	From Task 9.1 Tech Memo
Parks, Recreation, Historic Facilities	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Potential indirect effects to Section 4(f) are mitigable; no direct impact anticipated
Relocation of Businesses and Residences	•	0	•	•	•	•	•	•	•	•	•	•	0	0	•	•	•	•	•	From Task 9.1 Tech Memo
Relocation of Businesses and Residences Environmental Justice	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	From Task 9.1 Tech Memo
Cultural Resources	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	From Task 9.1 Tech Memo
Hazardous Materials	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	We have no information to differentiate the projects in terms of hazardous materials. Medium performance assumed.
Total Funding Programmed																				[Data is being collected]
Total Amount of Funding Notes:																				[Data is being collected]

Notes:

Low Project Performance

lacksquare

Medium Project Peformance
High Project Performance